Indexes

AUTHOR INDEX
Volume 40

A

Alexander LE: see Reinking MF
Al-Nawwas A: see Jung AP
Aminaka N, Gribble PA: A systematic review of the effects of therapeutic taping on patellofemoral pain syndrome, 40:341
Anderson JC: Stretching before and after exercise: effect on muscle soreness and injury risk, 40:218
Anish EJ: see Mihalik JP
Arnold BL: see Docherty CL

B

Baker R: see Miller MG
Barr WB: see Randolph C
Bender AL, Kramer EE, Brucker JB, Demchak TJ, Cordova, ML, Stone MB: Local ice bag application and triceps surae muscle temperature during treadmill walking, 40: 271
Bergert B: see Gansky SA
Bishop PA: see Jung AP
Borsa PA: see Ingersoll CD
Borsa PA: see Wikstrom EA
Bradley JP: see Myers JB
Brucker JB, Knight KL, Rubley MD, Draper DO: An 18-day stretching regime, with or without pulsed, shortwave diathermy, and ankle dorsiflexion after 3 weeks, 40:276
Brucker JB: see Bender AL
Brucker JB: see Long BC
Brunet ME II: see Cote KP

C

Casa DJ: Editorial: Question everything: the value of integrating research into an athletic training education, 40: 138
Cavanaugh DG: see Udermann BE
Cendoma M: see Swartz EE
Cleary M: see Eberman L
Cleary MA, Sweeney LA, Kendrick ZV, Sitler MR: Dehydration and symptoms of delayed-onset muscle soreness in hyperthermic males, 40:288
Collins J: see Miller MG
Cools AM, Witvrouw EE, Mahieu NN, Danneels LA: Isokinetic scapular muscle performance in overhead athletes with and without impingement symptoms, 40:104
Cordova ML: see Bender AL
Cordova ML: see Long BC
Cornu C: see Remaud A
Cote KP, Brunet ME II, Gansneder BM, Shultz SJ: Effects of pronated and supinated foot postures on static and dynamic postural stability, 40:41
Cramer JT: see Marek SM
Crews C: see Mensch J
Croce RV: see Swartz
Cross RS: see Drummond JL
Culbertson JY: see Marek SM

D

D'Alonzo G: see Miller MG
Dale RB: see Jung AP
Dalley EB: see Jutte LS
Dangelmaier SM: see Marek SM
Danneels LA: see Cools AM
Decoster LC, Shirley CP, Swartz EE: Football face-mask removal with a cordless screwdriver on helmets used for at least one season of play, 40:169
Decoster LC: see Swartz EE
Delano T: see Dolan MG
Demchak TJ: see Bender AL
Demchak TJ: see Long BC
Doberstein ST: see Udermann BE
Docherty CL, Arnold BL, Gansneder BM, Hurwitz S, Gieck J: Functional-performance deficits in volunteers with functional ankle instability, 40:30
Dolan MG, Graves P, Nakazawa C, Delano T, Hutson A, Mendel FC: Effects of ibuprofen and high-voltage electric stimulation on acute edema formation after blunt trauma to limbs of rats, 40:111
Downar JM, Sauers EL: Clinical measures of shoulder mobility in the professional baseball player, 40:23
Draper DO: see Brucker JB
Draper DO: see Miller A
Drummond JL, Velasquez BJ, Cross RS, Jones ML: Self-reported comfort in athletic training of gender-specific and non-gender-specific injuries and issues, 40:211

E

Eberman L, Cleary M: Celiac disease in an elite female collegiate volleyball athlete: a case report, 40:360
Ellison JA: see Gansky SA

F

Feland JB: see Miller A
Fincher AL: see Marek SM
Fitz KA: see Marek SM
Floyd RT: see Swartz EE

G

Gansky SA, Ellison JA, Rudy D, Bergert B, Leterdre MA, Nelson L, Kavanagh C, Walsh MM: Cluster-randomized controlled trial of an athletic trainer-directed spit (smokeless) tobacco intervention for collegiate baseball athletes: results after 1 year, 40:76
Gansneder BM: see Cote KP
Gansneder BM: see Docherty CL
Gibson MH: see Udermann BE
Gieck J: see Docherty CL
Goodrich L: see Jacobs C
Graves P: see Dolan MG
Gray KA: see Leone JE
Gribble PA: see Aminaka N
Guével A: see Remaud A
Guskiewicz KM: see Notebaert AJ
Guskiewicz KM: see Ross SE

H

Hale SA, Hertel J: Reliability and sensitivity of the Foot and Ankle Disability Index in subjects with chronic ankle instability, 40:35
Hanrahan S, Van Lunen BL, Tamburello M, Walker ML: The short-term effects of joint mobilizations on acute mechanical low back dysfunction in collegiate athletes, 40:88

Indexes

AUTHOR INDEX
Volume 40

A

Alexander LE: see Reinking MF
Al-Nawwas A: see Jung AP
Aminaka N, Gribble PA: A systematic review of the effects of therapeutic taping on patellofemoral pain syndrome, 40:341
Anderson JC: Stretching before and after exercise: effect on muscle soreness and injury risk, 40:218
Anish EJ: see Mihalik JP
Arnold BL: see Docherty CL

B

Baker R: see Miller MG
Barr WB: see Randolph C
Bender AL, Kramer EE, Brucker JB, Demchak TJ, Cordova, ML, Stone MB: Local ice bag application and triceps surae muscle temperature during treadmill walking, 40: 271
Bergert B: see Gansky SA
Bishop PA: see Jung AP
Borsa PA: see Ingersoll CD
Borsa PA: see Wikstrom EA
Bradley JP: see Myers JB
Brucker JB, Knight KL, Rubley MD, Draper DO: An 18-day stretching regime, with or without pulsed, shortwave diathermy, and ankle dorsiflexion after 3 weeks, 40:276
Brucker JB: see Bender AL
Brucker JB: see Long BC
Brunet ME II: see Cote KP

C

Casa DJ: Editorial: Question everything: the value of integrating research into an athletic training education, 40: 138
Cavanaugh DG: see Udermann BE
Cendoma M: see Swartz EE
Cleary M: see Eberman L
Cleary MA, Sweeney LA, Kendrick ZV, Sitler MR: Dehydration and symptoms of delayed-onset muscle soreness in hyperthermic males, 40:288
Collins J: see Miller MG
Cools AM, Witvrouw EE, Mahieu NN, Danneels LA: Isokinetic scapular muscle performance in overhead athletes with and without impingement symptoms, 40:104
Cordova ML: see Bender AL
Cordova ML: see Long BC
Cornu C: see Remaud A
Cote KP, Brunet ME II, Gansneder BM, Shultz SJ: Effects of pronated and supinated foot postures on static and dynamic postural stability, 40:41
Cramer JT: see Marek SM
Crews C: see Mensch J
Croce RV: see Swartz
Cross RS: see Drummond JL
Culbertson JY: see Marek SM

D

D'Alonzo G: see Miller MG
Dale RB: see Jung AP
Dalley EB: see Jutte LS
Dangelmaier SM: see Marek SM
Danneels LA: see Cools AM
Decoster LC, Shirley CP, Swartz EE: Football face-mask removal with a cordless screwdriver on helmets used for at least one season of play, 40:169
Decoster LC: see Swartz EE
Delano T: see Dolan MG
Demchak TJ: see Bender AL
Demchak TJ: see Long BC
Doberstein ST: see Udermann BE
Docherty CL, Arnold BL, Gansneder BM, Hurwitz S, Gieck J: Functional-performance deficits in volunteers with functional ankle instability, 40:30
Dolan MG, Graves P, Nakazawa C, Delano T, Hutson A, Mendel FC: Effects of ibuprofen and high-voltage electric stimulation on acute edema formation after blunt trauma to limbs of rats, 40:111
Downar JM, Sauers EL: Clinical measures of shoulder mobility in the professional baseball player, 40:23
Draper DO: see Brucker JB
Draper DO: see Miller A
Drummond JL, Velasquez BJ, Cross RS, Jones ML: Self-reported comfort in athletic training of gender-specific and non-gender-specific injuries and issues, 40:211

E

Eberman L, Cleary M: Celiac disease in an elite female collegiate volleyball athlete: a case report, 40:360
Ellison JA: see Gansky SA

F

Feland JB: see Miller A
Fincher AL: see Marek SM
Fitz KA: see Marek SM
Floyd RT: see Swartz EE

G

Gansky SA, Ellison JA, Rudy D, Bergert B, Leterdre MA, Nelson L, Kavanagh C, Walsh MM: Cluster-randomized controlled trial of an athletic trainer-directed spit (smokeless) tobacco intervention for collegiate baseball athletes: results after 1 year, 40:76
Gansneder BM: see Cote KP
Gansneder BM: see Docherty CL
Gibson MH: see Udermann BE
Gieck J: see Docherty CL
Goodrich L: see Jacobs C
Graves P: see Dolan MG
Gray KA: see Leone JE
Gribble PA: see Aminaka N
Guével A: see Remaud A
Guskiewicz KM: see Notebaert AJ
Guskiewicz KM: see Ross SE

H

Hale SA, Hertel J: Reliability and sensitivity of the Foot and Ankle Disability Index in subjects with chronic ankle instability, 40:35
Hanrahan S, Van Lunen BL, Tamburello M, Walker ML: The short-term effects of joint mobilizations on acute mechanical low back dysfunction in collegiate athletes, 40:88

Harkins KM, Mattacola CG, Uhl TL, Malone TR, McCrory JL: Effects of 2 ankle fatigue models on the duration of postural stability dysfunction, 40:191
Hart JM, Swanik CB, Tierney RT: Effects of sport massage on limb girth and discomfort associated with eccentric exercise, 40:181
Hawkins JR: see Jutte LS
Henning JM: see Weidner TG
Hertel J: Editorial: Research training for clinicians: the crucial link between evidence-based practice and third-party reimbursement, 40:69
Hertel J: see Hale SA
Hoffman M: Commentary, 40:195
Hope P: see Zainuddin Z
Howe W: Commentary: celiac disease, 40:370
Hurwitz S: see Docherty CL
Hutson A: see Dolan MG

I

Ingersoll CD, Palmieri RM, Laurent T, Borsa PA, Ray R, Perrin DH: Editorial: Leadership in the academy: junior faculty as program directors, 40:254

J

Jacobs C, Uhl TL, Seeley M, Sterling W, Goodrich L: Strength and fatigability of the dominant and nondominant hip abductors, 40:203
Jones ML: see Drummond JL
Jung AP, Bishop PA, Al-Nawwas A, Dale RB: Influence of hydration and electrolyte supplementation on incidence and time to onset of exercise-associated muscle cramps, 40:71
Jutte LS, Knight KL, Long BC, Hawkins JR, Schulthies SS, Dalley EB: The uncertainty (validity and reliability) of three electrothermometers in therapeutic modality research, 40:207

K

Kavanagh C: see Gansky SA
Kendrick ZV: see Cleary MA
Knight KL: see Brucker JB
Knight KL: see Jutte LS
Knight KL: see Miller A
Kramer EE: see Bender AL

L

Laudner KG: see Myers JB
Laurent T: see Ingersoll CD
Leone JE, Gray KA, Massie JE, Rossi JM: Celiac disease symptoms in a female collegiate tennis player: a case report, 40:365
Leone JE, Sedory EJ, Gray KA: Recognition and treatment of muscle dysmorphia and related body image disorders, 40:352
Lephart SM: see Myers JB
Leterdre MA: see Gansky SA
Long BC, Cordova ML, Brucker JB, Demchak TJ, Stone MB: Exercise and quadriceps muscle cooling time, 40:260
Long BC: see Jutte LS

M

Macciocchi SN: Commentary, 40:152
Mahieu NN: see Cools AM
Malone TR: see Harkins KM
Mansell J, Tierney R, Sitler MR, Swanik K, Stearne D: Resistance training and head-neck segment dynamic stabilization in male and female intercollegiate soccer players, 40:310
Marek SM, Cramer JT, Fincher AL, Massey LL, Dangelmaier SM, Purkayastha S, Fitz KA, Culbertson JY: Acute effects of static and proprioceptive neuromuscular facilitation stretching on muscle strength and power output, 40:94
Massey LL: see Marek SM
Massie JE: see Leone JE
Mattacola CG: see Harkins KM
Mayer JM: see Udermann BE
McCrea M: see Randolph C
McCrory JL: see Harkins KM
Mendel FC: see Dolan MG
Mensch J, Crews C, Mitchell M: Competing perspectives during organizational socialization on the role of certified athletic trainers in high school settings, 40:333
Merrick MA: Editorial: New requirements for registering clinical trials, 40:8
Mihalik JP, Myers JB, Sell TC, Anish EJ: Maxillofacial fractures and dental trauma in a high school soccer goalkeeper: a case report, 40:116
Miller A, Knight KL, Feland JB, Draper DO: Neoprene thigh sleeves and muscle cooling after exercise, 40:264
Miller MG, Weiler JM, Baker R, Collins J, D'Alonzo G: National Athletic Trainers' Association position statement: management of asthma in athletes, 40:224
Mitchell M: see Mensch J
Moorman M: see Unruh S
Murray SR: see Udermann BE
Myers JB, Pasquale MR, Laudner KG, Sell TC, Bradley JP, Lephart SM: On-the-field resistance-tubing exercises for throwers: an electromyographic analysis, 40:15
Myers JB: see Mihalik JP

N

Nakazawa C: see Dolan MG
Nelson L: see Gansky SA
Newton M: see Zainuddin Z
Nosaka K: see Zainuddin Z
Notebaert AJ, Guskiewicz KM: Current trends in athletic training practice for concussion assessment and management, 40:320
Nowak J: see Swartz EE

P

Palmieri RM: see Ingersoll CD
Pasquale MR: see Myers JB
Perrin DH: see Ingersoll CD
Purkayastha S: see Marek SM

R

Randolph C, McCrea M, Barr WB: Is neuropsychological testing useful in the management of sport-related concussion? 40:139
Ray R: see Ingersoll CD
Reinking MF, Alexander LE: Prevalence of disordered-eating behaviors in undergraduate female collegiate athletes and nonathletes, 40:47
Remaud A, Cornu C, Guével A: Methodologic approach for the comparison between dynamic contractions: influences on the neuromuscular system, 40:281
Ross SE, Guskiewicz KM, Yu B: Single-leg, jump landing stabilization times in subjects with functionally unstable ankles, 40:298
Rossi JM: see Leone JE
Rubley MD: see Brucker JB
Rudy D: see Gansky SA
Russell PJ: see Swartz EE

S

Sacco P: see Zainuddin Z
Sauers EL: Effectiveness of rehabilitation for patients with subacromial impingement syndrome, 40:221
Sauers EL: see Downar JM
Schulthies SS: see Jutte LS
Sedory EJ: see Leone JE

Seeley M: see Jacobs C
Sell TC: see Mihalik JP
Sell TC: see Myers JB
Seshadri S: see Unruh S
Shirley C: see Swartz EE
Shirley CP: see Decoster LC
Shultz SJ: see Cote KP
Sitler MR: see Cleary MA
Smith AN: see Wikstrom EA
Sterling W: see Jacobs C
Steves R: Appraising clinical studies: a commentary on the Zainuddin et al and Hart et al studies, 40:186
Stone MB: see Bender AL
Stone MB: see Long BC
Swanik CB: see Hart JM
Swartz EE, Decoster LC, Russell PJ, Croce RV: Effects of developmental stage and sex on lower extremity kinematics and vertical ground reaction forces during landing, 40:9
Swartz EE, Floyd RT, Cendoma M: Cervical spine functional anatomy and the biomechanics of injury due to compressive loading, 40:155
Swartz EE, Nowak J, Shirley C, Decoster LC: A comparison of head movement during back boarding by motorized spine-board and log-roll techniques, 40:162
Swartz EE: see Decoster LC
Sweeney LA: see Cleary MA

T

Tamburello M: see Hanrahan S
Tierney RT: see Hart JM
Tillman MD: see Wikstrom EA

U

Udermann BE, Cavanaugh DG, Gibson MH, Doberstein ST, Mayer JM, Murray SR: Slipping rib syndrome in a collegiate swimmer: a case report, 40:120
Uhl TL: see Harkins KM
Uhl TL: see Jacobs C
Unruh N: see Unruh S
Unruh S, Unruh N, Moorman M, Seshadri S: Collegiate student-athletes' satisfaction with athletic trainers, 40:52

V

Valovich McLeod TC: The prediction of intracranial injury after minor head trauma in the pediatric population, 40: 123
Van Lunen BL: see Hanrahan S
Velasquez BJ: see Drummond JL

W

Walker ML: see Hanrahan S
Walsh MM: see Gansky SA
Weidner TG, Henning JM: Importance and applicability of Approved Clinical Instructor standards and criteria to certified athletic trainers in different clinical education settings, 40: 326
Weiler JM: see Miller MG
Wikstrom EA, Tillman MD, Smith AN, Borsa PA: New force-plate technology measure of dynamic postural stability: the dynamic postural stability index, 40:305
Witvrouw EE: see Cools AM

Y

Yu B: see Ross SE

Z

Zainuddin Z, Hope P, Newton M, Sacco P, Nosaka K: Effects of partial immobilization after eccentric exercise on recovery from muscle damage, 40:197
Zainuddin Z, Newton M, Sacco P, Nosaka K: Effects of massage on delayed-onset muscle soreness, swelling, and recovery of muscle function, 40:174

SUBJECT INDEX
Volume 40

A

Accuracy
  electrothermometers, 40:207
Active rest
  delayed-onset muscle soreness
    massage, 40:181
Airway
  management
    dental and maxillofacial injuries, 40:116
  responsiveness and obstruction, 40:224
Anatomy, functional
  cervical spine, 40:155
Animal models, inflammation
  rat, 40:111
Ankle
  dorsiflexion
    stretching, 40:276
  fatigue models
    postural stability, 40:191
  instability
    Foot and Ankle Disability Index, 40:35
    performance deficits, 40:30
    stabilization time, 40:298
Anterior cruciate ligament injury, 40:9
Approved Clinical Instructors
  standards and criteria, 40:326
Arch height
  postural stability, 40:41
Assessment, concussion, 40:320
Asthma, 40:224
Athletes, collegiate
  satisfaction with athletic trainers, 40:52
Athletic trainers
  collegiate student-athletes' satisfaction with, 40:52
  comfort with gender-specific and non-gender-specific issues, 40:211
  concussion assessment and management, 40:320
  high school
    organizational socialization, 40:333
Athletic training education, 40:254
  Approved Clinical Instructors, 40:326
  comfort level
    gender-specific and non-gender-specific issues, 40:211
  integrating research, 40:138
Attitudes
  collegiate student-athletes' about athletic trainers, 40:52
Autoimmune diseases, 40:360, 40:365, 40:370
Axial load, cervical spine
  injury biomechanics, 40:155

B

Back, mechanical pain
  joint mobilizations, 40:88
Back boarding, head movement, 40:162
Balance
  ankle fatigue models, 40:191
  time to stabilization
    ankle instability, 40:298
Baseball players
  collegiate
    smokeless tobacco use, 40:76
  professional
    shoulder mobility, 40:23
Biomechanics
  cervical spine injury, 40:155
Body image
  muscle dysmorphia, 40:352
Brain injuries
  assessment and management, 40:320
  pediatric population, 40:123
  neuropsychological testing, 40:139

C

Catastrophic injury
  cervical spine, 40:155
Celiac disease, 40:370
  female collegiate tennis player, 40:365
  female collegiate volleyball player, 40:360
Cervical spine
  functional anatomy, 40:155
  injury
    backboarding, 40:162
    biomechanics, 40:155
  resistance training
    collegiate soccer players, 40:310
Clinical education
  Approved Clinical Instructors, 40:326
Clinical Instructor Educators, 40:326
Clinical outcome measures
  Foot and Ankle Disability Index, 40:35
Clinical studies
  appraising, 40:186
Clinical trials, 40:8
College students
  athletes
    satisfaction with athletic trainers, 40:52
  eating disorders, 40:47
Collegiate athletes
  baseball
    smokeless tobacco use, 40:76
  low back pain
    joint mobilizations, 40:88
  soccer
    resistance training, 40:310
  swimmer
    slipping rib syndrome, 40:120
  tennis
    celiac disease, 40:365
  volleyball
    celiac disease, 40:360
Comfort level, athletic trainers'
  gender-specific and non-gender-specific issues, 40:211
Concussion
  assessment, 40:320
  head-neck stabilization
    collegiate soccer players, 40:310
  management, 40:320
  neuropsychological testing, 40:139
  pediatric population, 40:123
Cooling, muscle, after exercise
  thigh sleeves, 40:264
Cramps, exercise-associated muscle
  electrolyte supplementation and hydration, 40:71
Creatine kinase
  delayed-onset muscle soreness, 40:174
  muscle recovery
    immobilization, 40:197
Cryotherapy
  quadriceps muscle, 40:260
  triceps surae muscle temperature
    treadmill walking, 40:271

D

Dehydration
  delayed-onset muscle soreness
    hyperthermic males, 40:288
Delayed-onset muscle soreness
  dehydration
    hyperthermic males, 40:288
  massage, 40:174, 40:181
Dental injuries
  high school soccer goalkeeper, 40:116
Development, lower extremity kinematics, 40:9
Diathermy, ankle dorsiflexion, 40:276
Diet, celiac disease, 40:360, 40:365, 40:370
Diseases, celiac, 40:370
  female collegiate volleyball player, 40:360
  female collegiate tennis player, 40:365
Disorders, eating
  college students, 40:47
Dorsiflexion, ankle
  stretching, 40:276
Dysmorphia, muscle, 40:352
Dynamic Postural Stability Index, 40:305

E

Eating disorders
  college students, 40:47
Eccentric exercises
  massage, 40:181
  muscle recovery
    immobilization, 40:197
Edema
  ibuprofen, rat model, 40:111
Education, athletic training
  integrating research, 40:138
Elbow flexors, massage, 40:174
Electric stimulation, edema formation
  rat model, 40:111
Electrolytes, supplementation
  exercise-associated muscle cramps, 40:71
Electromyography
  dynamic contractions, 40:281
  hip abductors, 40:203
  proprioceptive neuromuscular facilitation, 40:94
  throwers' exercises, 40:15
Electrothermometers, reliability and validity, 40:207
Emergency management
  backboarding
    head movement, 40:162
  concussion, 40:320
  dental and maxillofacial injuries
    high school soccer goalkeeper, 40:116
  football face-mask removal, 40:169
Environmental physiology
  exercise-associated muscle cramps
    electrolyte supplementation and hydration, 40:71
Equilibrium, ankle fatigue models, 40:191
Equipment, football face-mask removal, 40:169
Evidence-based practice, 40:69
Exercise-induced asthma, 40:224
Exercise-induced bronchospasm, 40:224
Exercises
  eccentric
    massage, 40:181
    muscle recovery, 40:197
  muscle cooling after
    thigh sleeves, 40:264
  muscle cramps
    hydration, 40:71
    electrolyte supplementation, 40:71
  proprioceptive neuromuscular facilitation
    muscle strength, power output, 40:94
  quadriceps muscle cooling time, 40:260
  shoulder
    electromyography, 40:15
  throwers
    electromyography, 40:15
  treadmill walking
    triceps surae muscle temperature, 40:271

F

Face masks, football, removal, 40:169
Fatigue
  exercise-associated muscle cramps, 40:71
  hip abductors, 40:203
  models, ankle
    postural stability, 40:191
Female athletes
  collegiate soccer players
    resistance training, 40:310
  collegiate tennis player
    celiac disease, 40:365
  collegiate volleyball player
    celiac disease, 40:360
  eating disorders, 40:47
Female athlete triad
  eating disorders, 40:47
Figure-of-8 hop test
  ankle instability, 40:30
Flexibility, ankle dorsiflexion
  diathermy, stretching, 40:276
Foot injuries
  postural stability, 40:41
Foot and Ankle Disability Index
  reliability and sensitivity, 40:35
Football players
  face-mask removal, 40:169
Footedness
  hip abductor strength, fatigability, 40:203
Force-plate technology
  Dynamic Postural Stability Index, 40:305
Fractures, maxillofacial
  high school soccer goalkeeper, 40:116
Functional activities
  assessment
    low back pain, 40:88
  Foot and Ankle Disability Index, 40:35
  movement, 40:9
  performance deficits
    ankle instability, 40:30

G

Gastrointestinal tract
  celiac disease, 40:360, 40:365, 40:370
Gender issues
  athletic trainers' comfort, 40:211
Glenohumeral joint
  mobility
    professional baseball players, 40:23
  scapular muscle performance
    overhead athletes, 40:104
Gluten-sensitive enteropathy
  celiac disease, 40:360, 40:365, 40:370
Gluteus medius muscles
  strength, fatigability, 40:203
Ground reaction forces
  Dynamic Postural Stability Index, 40:305
  lower extremity kinematics, 40:9

H

Head
  acceleration
    collegiate soccer players, 40:313
  concussion
    assessment and management, 40:320

injuries
neuropsychological testing, 40:139
pediatric population, 40:123
movement during back boarding, 40:162
Head-neck stabilization
resistance training
collegiate soccer players, 40:310
Health care
athletic trainers' comfort
gender-specific and non-gender-specific issues, 40:211
Heat stress
exercise-associated muscle cramps, 40:71
hyperthermic males
dehydration, 40:288
High school athletes
organizational socialization, 40:333
soccer goalkeeper
dental and maxillofacial injuries, 40:116
Hip abductors
strength, fatigability, 40:203
Hooking maneuver
slipping rib syndrome, 40:120
Hydration
exercise-associated muscle cramps, 40:71
Hypohydration
exercise-associated muscle cramps, 40:71
Hyperthermia, males
delayed-onset muscle soreness, 40:288

I

Ibuprofen
edema formation, 40:111
Immobilization, muscle recovery, 40:197
Impingement, subacromial
overhead athletes
scapular muscle performance, 40:104
rehabilitation, 40:221
Inflammation, rat model
electric stimulation, ibuprofen, 40:111
Injuries
ankle instability, 40:30
Foot and Ankle Disability Index, 40:35
time to stabilization, 40:298
cervical spine
biomechanics, 40:155
concussion
assessment and management, 40:320
neuropsychological tests, 40:139
dental
high school soccer goalkeeper, 40:116
foot
postural stability, 40:41
intracranial
pediatric population, 40:123
knee, 40:9
maxillofacial
high school soccer goalkeeper, 40:116
patellofemoral pain syndrome
therapeutic taping, 40:341
risk
stretching, 40:218
slipping rib syndrome
collegiate swimmer, 40:120
spine
back boarding, 40:162
subacromial impingement syndrome
rehabilitation, 40:221
Injury prevention
muscle cooling after exercise, 40:264
throwers' exercises, 40:15
Instability, ankle
Foot and Ankle Disability Index, 40:35
performance deficits, 40:30
stabilization time, 40:298
Intervention studies
collegiate baseball players
smokeless tobacco use, 40:76
Intracranial injuries
neuropsychological testing, 40:139
pediatric population, 40:123
Isokinetic exercises
ankle fatigue models, 40:191
neuromuscular system, 40:281
proprioceptive neuromuscular facilitation, 40:94
scapular muscle performance
overhead athletes, 40:104
Isometric exercises
hyperthermic males
dehydration, 40:288
Isotonic exercises
neuromuscular system, 40:281

J

Joint mobilizations
low back pain
collegiate athletes, 40:88
Jump landings
Dynamic Postural Stability Index, 40:305
time to stabilization
ankle instability, 40:298

K

Kinematics, lower extremity, 40:9
Knee
extensors
dynamic contractions, 40:281
injury, 40:9
patellofemoral pain syndrome
therapeutic taping, 40:341

L

Landings
lower extremity kinematics, 40:9
ground reaction forces, 40:9
Leg
triceps surae muscle temperature, 40:271
Log-roll technique
back boarding, 40:162

M

Male athletes, collegiate soccer
resistance training, 40:310
Males, hyperthermic
dehydration, 40:288
Management, emergency
backboarding
head movement, 40:162
concussion, 40:320
dental and maxillofacial injuries
high school soccer goalkeeper, 40:116
football face-mask removal, 40:169
Massage
delayed-onset muscle soreness, 40:174, 40:181
limb girth and discomfort
eccentric exercise, 40:181
muscle function recovery, 40:174
swelling, 40:174
Maxillofacial area fractures
high school soccer goalkeeper, 40:116
Measurements, electrothermometers
reliability and validity, 40:207
Mechanomyography
proprioceptive neuromuscular facilitation, 40:94
Medications, ibuprofen
edema formation, 40:111

Mobility, shoulder
professional baseball players, 40:23
Modalities
cryotherapy
quadriceps muscle, 40:260
triceps surae muscle, 40:271
diathermy
ankle dorsiflexion, 40:276
electric stimulation
edema formation, 40:111
electrothermometers
reliability and validity, 40:207
massage
delayed-onset muscle soreness, 40:174
eccentric exercise, 40:181
taping
patellofemoral pain syndrome, 40:341
Models, ankle fatigue, 40:191
Motorized spine board, head movement, 40:162
Movement, functional, 40:9
Muscle dysmorphia, 40:352
Muscles
cooling after exercise
thigh sleeves, 40:264
delayed-onset soreness
dehydration, 40:288
massage, 40:174
dysmorphia, 40:352
exercise-associated cramps
hydration, 40:71
electrolyte supplementation, 40:71
hip abductors
strength, fatigability, 40:203
performance
scapula, 40:104
quadriceps
cooling time after exercise, 40:260
recovery
immobilization, 40:197
soreness
immobilization, 40:197
massage, 40:181
stretching before and after exercise, 40:218
strength
massage, 40:174
proprioceptive neuromuscular facilitation, 40:94
triceps surae
temperature, 40:271

N

Neck
functional anatomy, injury biomechanics, 40:155
Neurocognitive function
concussion, 40:139
Neuromuscular system
dynamic contractions, 40:281
Neuropsychological testing
concussion management, 40:139
Nonsteroidal anti-inflammatory drugs
ibuprofen
edema formation, 40:111
Nutrition
celiac disease, 40:360, 40:365, 40:370
eating disorders
college students, 40:47

O

Opposite-sex health care
athletic trainers' comfort, 40:211
Organizational socialization
high school athletic trainers', 40:333
Overhead athletes
scapular muscle performance, 40:104

P

Patellofemoral pain syndrome
therapeutic taping, 40:341
Peak torque
proprioceptive neuromuscular facilitation, 40:94
Pediatric population
intracranial injuries, 40:123
Performance, functional deficits
ankle instability, 40:30
Postural stability
ankle fatigue models, 40:191
Dynamic Postural Stability Index, 40:305
foot postures, 40:41
time to stabilization
ankle instability, 40:298
Postural sway
foot postures, 40:41
Postures, foot
postural stability, 40:41
Power
proprioceptive neuromuscular facilitation, 40:94
Prediction, intracranial injuries
pediatric population, 40:123
Program directors, 40:254
Protective equipment
football face-mask removal, 40:169
Professional athletes, baseball
shoulder mobility, 40:23
Pronation, foot
postural stability, 40:41
Proprioceptive neuromuscular facilitation
muscle strength, 40:94
power output, 40:94
Psychology
eating disorders
college students, 40:47
muscle dysmorphia, 40:352
organizational socialization
high school athletic trainers', 40:333
satisfaction with athletic trainers
collegiate student-athletes', 40:52
Pulmonary function tests, 40:224

Q

Quadriceps muscle
cooling time after exercise, 40:260
Quality of care
athletic trainers, 40:52

R

Randomized controlled trials
smokeless tobacco intervention
collegiate baseball players, 40:76
Range of motion
ankle dorsiflexion
diathermy, stretching, 40:276
elbow flexors
delayed-onset muscle soreness, 40:174
muscle recovery
immobilization, 40:197
proprioceptive neuromuscular facilitation, 40:94
shoulder
professional baseball players, 40:23
Rehabilitation
ankle dorsiflexion
diathermy, stretching, 40:276
low back pain
joint mobilizations, 40:88
massage
delayed-onset muscle soreness, 40:174, 40:181
patellofemoral pain syndrome
therapeutic taping, 40:341
subacromial impingement syndrome, 40:221

Reliability
electrothermometers, 40:207
Foot and Ankle Disability Index
chronic ankle instability, 40:35
Repeatability
electrothermometers, 40:207
Reproducibility
electrothermometers, 40:207
Research
clinicians' training, 40:69
integration into athletic training education, 40:138
Resistance training
head-neck stabilization
collegiate soccer players, 40:310
Ribs, slipping
collegiate swimmer, 40:120

S

Same-sex health care
athletic trainers' comfort, 40:211
Satisfaction
collegiate student-athletes' with athletic trainers, 40:52
Scapula
muscle performance
overhead athletes, 40:104
upward rotation
professional baseball players, 40:23
Self-reports
Foot and Ankle Disability Index, 40:35
Sensitivity, Foot and Ankle Disability Index
chronic ankle instability, 40:35
Sex
lower extremity kinematics, 40:9
ground reaction forces, 40:9
Shoulder
electromyography
throwers' exercises, 40:15
exercises
electromyography, 40:15
mobility
professional baseball players, 40:23
posterior tightness
professional baseball players, 40:23
scapular muscle performance
overhead athletes, 40:104
subacromial impingement syndrome
rehabilitation, 40:221
throwers
exercises, 40:15
Side hop test
ankle instability, 40:30
Sleeves, thigh
muscle cooling after exercise, 40:264
Slipping rib syndrome
collegiate swimmer, 40:120
Smokeless tobacco
intervention protocol, 40:76
Soccer players
collegiate
resistance training, 40:310
high school goalkeeper
dental and maxillofacial injuries, 40:116
Spinal cord
cervical injury, 40:155
Spine
back boarding
head movement, 40:162
cervical
functional anatomy, 40:155
injury biomechanics, 40:155
low back pain
joint mobilizations, 40:88
Stabilization, back boarding
head movement, 40:162
Stability, postural
foot postures, 40:41
Stretching
ankle dorsiflexion, 40:276
before and after exercise
muscle soreness, 40:218
injury risk, 40:218
proprioceptive neuromuscular facilitation
muscle strength, 40:94
power output, 40:94
Strength
hip abductors, 40:203
Substance abuse
smokeless tobacco
collegiate baseball players, 40:76
Supination, foot
postural stability, 40:41
Supplementation, electrolytes
exercise-associated muscle cramps, 40:71
Sway velocity
ankle fatigue models, 40:191
Swelling
electric stimulation, 40:111
ibuprofen, 40:111
massage, 40:174
muscle recovery
immobilization, 40:197
Swimmers
collegiate
slipping rib syndrome, 40:120
Syndromes
patellofemoral pain
therapeutic taping, 40:341
slipping rib
collegiate swimmer, 40:120
subacromial impingement
rehabilitation, 40:221
overhead athletes, 40:104

T

Taping
patellofemoral pain syndrome, 40:341
Temperatures, intramuscular
after exercise, 40:264
quadriceps, 40:260
triceps surae, 40:273
Tennis players
female collegiate
celiac disease, 40:365
Tests
figure-of-8 hop, 40:30
pulmonary function, 40:224
neuropsychological
concussion management, 40:139
side hop, 40:30
Thermoregulation
delayed-onset muscle soreness
hyperthermic males, 40:288
exercise-associated muscle cramps, 40:71
Thigh, sleeves
muscle cooling after exercise, 40:264
Third-party reimbursement, 40:69
Thorax
slipping rib syndrome
collegiate swimmer, 40:120
Throwing athletes
exercises, electromyography, 40:15
Time to stabilization, 40:305
ankle instability, 40:298
Tobacco, smokeless
intervention protocol, 40:76
Training, resistance
head-neck stabilization, 40:310
Traumatic brain injuries
concussion
assessment and management, 40:320
pediatric population, 40:123
Traumatic brain injuries
neuropsychological testing, 40:139

Triceps surae muscles, temperature
cryotherapy, 40:271
treadmill walking, 40:271

V

Validity
electrothermometers, 40:207

Volleyball players
female collegiate
celiac disease, 40:360

W

Whiplash, 40:155